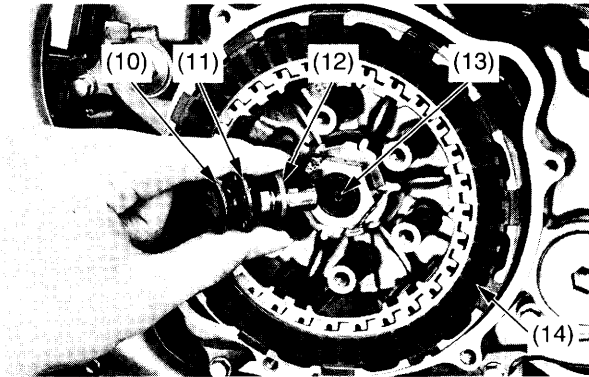


Clutch System

- Remove the washer (10), needle bearing (11), clutch lifter (12) and clutch lifter rod (13).
- Remove the eight clutch discs and seven clutch plates (14).

Assemble the clutch lifter, needle bearing and washer. Turn the needle bearing with your finger. The needle bearing should turn smoothly and quietly. Replace the needle bearing and washer if the needle bearing does not turn smoothly.

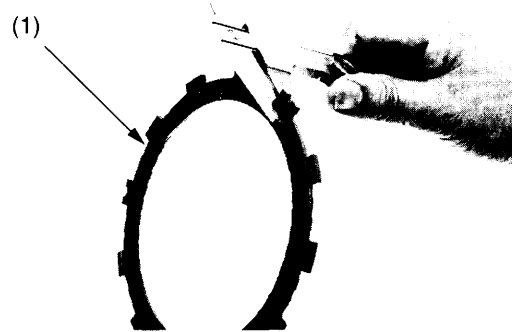


- (10) washer (13) clutch lifter rod
(11) needle bearing (14) clutch discs/clutch plates
(12) clutch lifter

Clutch Disc/Plate Inspection

Replace the clutch discs (1) if they show signs of scoring or discoloration.
Measure the thickness of each clutch disc.
Service Limit: 0.112 in (2.85 mm)

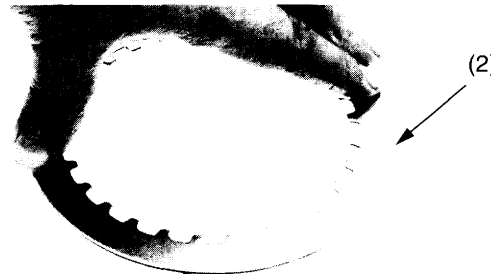
Replace the clutch discs and clutch plates as a set.



(1) clutch disc

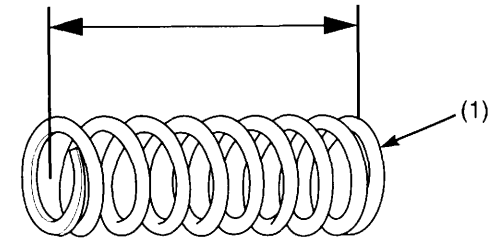
Check the clutch plates (2) for excessive warpage or discoloration.
Check the plate warpage on a surface plate using a feeler gauge.
Service Limit: 0.006 in (0.15 mm)

Replace the clutch discs and clutch plates as a set.



(2) clutch plate

Clutch Spring Inspection



(1) clutch spring

Measure the free length of each spring.
Service Limit: 1.72 in (43.7 mm)

Replace the clutch springs as a set if any one of them is below the service limit or if the clutch plates have been burnt/heat discolored.